BACnet Forum Barcelona

Eficiencia en edificios funcionales en España
Efficiency in Spanish Functional Buildings

Invitación y Programa
Invitation and Program
10 de Octubre 2016
October 10th, 2016
Universitat Politècnica de Catalunya
www.bacnetforum.org

- Nuevo estándar BACnet 2016
- New BACnet standard 2016
- Desafíos en la construcción y el reequipamiento de edificios
- Challenges in construction and retrofitting
- Beneficios de la interoperabilidad certificada
- Benefits of certified interoperability
- Tecnologías y aplicaciones
- Technology and applications
Efficiency in Spanish Functional Buildings

The Spanish economy and the real estate market are currently experiencing a marked recovery. This has lead to an increase in the requests for efficient building automation solutions and for BACnet (ISO 16484-5).

That’s why we’re happy to invite you to the first BACnet Forum Barcelona on October 10th, 2016 at UPC Barcelona. The Forum is free of charge, Registration is mandatory. Please register here: www.bacnetforum.org

The BACnet Forum is neutral source of information and focuses on existing and new functional buildings

- BACnet experts will demonstrate the options for sustainability and energy efficiency that BACnet enables in Spain.
- You will get an introduction to the BACnet Standard and are the first to whom the BIG-EU presents the recently published 2016 edition of the standard.
- Other presentations will demonstrate the capabilities of BACnet in building automation systems, the new developments and applications.

A comprehensive exhibition gives an overview of the current technologies and provides the newest BTL-listed and certified devices.

If you are an integrator, planner, consultant or facility manager you will benefit from the highly topical update. If you are a building owner or investor, this is the unique chance to get comprehensive information on building efficiency performed by BACnet components. As a manufacturer and supplier of building automation devices and systems the forum gives you a competitive advantage.

We’re looking forward to see you.

The Board of the BACnet Interest Group Europe (BIG-EU)

Volker Röhl
President

Brad Hill
Board member

Karl Heinz Belser
Board member

Klaus Wächter
Treasurer

Why do a BACnet Forum in Barcelona?

- Barcelona is one of the largest metropolises in Europe, and has an accordingly high need for sustainable, energy efficient building automation.
- The first neutral BACnet event in Spain.
- The BACnet community and the Universitat Politècnica de Catalunya in dialogue
- Signal to the Spanish building market – more energy efficiency in existing and new buildings
Monday, October 10th, 2016

BACnet Forum and Exhibition

- BACnet in Spain – Development and Opportunities for Open Building Automation
- The newest BACnet products and services presented by building automation professionals.
- The Forum will be complemented by an exhibition of the newest BACnet technologies. The lecture program has been arranged so that there is enough time in the pauses to visit the exhibition.

Tuesday, October 11th, 2016

BACnet Academy Barcelona

- The participants will gain a basic technical understanding of BACnet for interoperable building automation with the worldwide standard EN ISO 16484-5, how to evaluate the BA network techniques, and how simple the specifications of interoperability areas are. For more information go to www.bacnetacademy.org
- BIG-EU Advisory Board Meeting I
- BIG-EU General Meeting

Wednesday, October 12th, 2016

*Spanish National Holiday*

- BIG-EU Working Group Technique Meeting
- BIG-EU Working Group Marketing Meeting
- BIG-EU BIG-EU Advisory Board Meeting II

The objectives of cost and energy savings, and greater flexibility in building technology can only be achieved with manufacturer independent, efficient and future-proof data communication standards, and the meaningful integration of different systems and disciplines.

H. Michael Newman
Creator of the BACnet standard and founder of the BACnet standards committee
<table>
<thead>
<tr>
<th>Hora</th>
<th>Evento</th>
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<tbody>
<tr>
<td>8:45</td>
<td>Registro y café de bienvenida/Registration and Welcome Coffee</td>
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<tr>
<td>9:00</td>
<td>Apertura de la exposición/Opening of the Exhibition</td>
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| 9:30  | Bienvenida y apertura del Foro BACnet Barcelona en nombre de la Universitat Politècnica de Catalunya  
Welcome Address and Opening of the BACnet Forum from the Polytechnic University of Catalonia – UPC  
Enric Fossas, Rektor Universitat Politècnica de Catalunya – UPC |
|       | Palabras de bienvenida al Foro BACnet por parte del BIG-EU  
Welcome Address of the BACnet Forum from the BIG-EU  
Manuel Bouvier, Fr. Sauter AG, BIG-EU Founding member |
|       | Palabras de bienvenida por parte del CEEC – Clúster d’Eficiència Energètica de Catalunya  
Welcome Address from CEEC - Cluster of Energy Efficiency of Catalonia  
Albert Mitja, President CEEC |
| 9:45  | Automatización de edificios en España en la actualidad.  
De la interoperabilidad al IO  
Building Automation in Spain today. From Interoperability to IoT  
Víctor Cañete, CEO  
ADITEL Sistemas |
| 10:15 | Integración de Sistemas de Aire Acondicionado – Unidades individuales de expansión directa  
Air Conditioning Integration – Single Direct Expansion Units  
Josep Cerón, General Manager  
IntesisBox / Intesis Software |
<table>
<thead>
<tr>
<th>Time</th>
<th>Session/Session 2: Integrating Success and Interoperability</th>
<th>Moderator/Moderation: Manuel Bouvier</th>
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</thead>
</table>
| 10:45  | Soluciones para Smart Cities. Panorama de la automatización innovadora de edificios en España | Luis Romeral, Research Center Director  
         | Solutions for Smart Cities. Outlook on Innovative Building Automation in Spain | Center Innovation Electronics. Motion Control and Industrial Applications. MCIA |
| 11:15  | Coffee Break and Visit to the Exhibition                |                                     |
| 11:45  | Real application of integration with BACnet in building Duro Felguera | Carlos Baradat,  
         | BECKHOFF Automation S.A. |                                     |
| 12:15  | BACnet – the Career from ANSI to ISO goes on BACnet – la carrera de ANSI a ISO continúa | Professor Peter Fischer, Spokesman of the BIG-EU Advisory Board  
         | Fachhochschule Dortmund · University of Applied Sciences and Arts |                                     |
| 12:45  | BACnet Interoperability at Campus Can Ruti – Reference Institution in Biomedicine in Catalonia | Francisco García  
         | Delta Controlli |                                     |
| 13:15  | Lunch Break and Visit to the Exhibition                 |                                     |
| 14:15  | BACnet, la conexión perfecta entre los Sistemas Hidráulicos y el edificio | Jofre Ayala Mayorga,  
         | BACnet the Perfect Connection between Hydronic Systems and Building | Head of Heating Segment in Spain/Portugal  
         | Danfoss Spain |                                     |
| 14:45  | Energy efficiency assured by eu.bac | Marco Jensen García, Kieback&Peter Ibérica  
         | Expert of eu.bac – European Building Automation Controls Association |                                     |
| 15:15  | Certification and Interoperability | Andy McMillian  
<pre><code>     | Certificación e Interoperabilidad | President and Managing Director of BACnet International |
</code></pre>
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Details</th>
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<tbody>
<tr>
<td>15:45</td>
<td>Coffee Break and Visit to the Exhibition</td>
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<tr>
<td></td>
<td><strong>Sesión/Session 4:</strong></td>
<td><strong>El futuro de la Automatización de Edificios</strong></td>
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<tr>
<td></td>
<td><strong>Shaping the Future of Building Automation</strong></td>
<td><strong>Moderación/Moderation: Salvatore Cataldi</strong></td>
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<tr>
<td>16:05</td>
<td>How to provide contextual HMI to any mobile user in a Building</td>
<td><strong>Cómo proporcionar HMI contextual para cualquier usuario móvil en un</strong></td>
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<tr>
<td></td>
<td>Management System using BACnet devices</td>
<td><strong>Sistema de Gestión de Edificios utilizando dispositivos BACnet</strong></td>
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<td></td>
<td>Fabien Rigaud</td>
<td><strong>Marketing &amp; Communication Manager</strong></td>
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<td>ARC Informatique</td>
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<td>Thomas Kurowski, Siemens Building Technologies</td>
<td><strong>BIG-EU Representative in the</strong></td>
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<td>BIG-EU Standardization Committee SSPC 135 of ASHRAE</td>
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<tr>
<td>17:05</td>
<td>Plenary Discussion: Support for Spanish Building Automation</td>
<td><strong>Moderación/Moderation: Salvatore Cataldi</strong></td>
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<td></td>
<td>Thomas Kurowski, Siemens Building Technologies</td>
<td><strong>Member of the BIG-EU Advisory Board</strong></td>
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<td>BIG-EU Standardization Committee SSPC 135 of ASHRAE</td>
<td><strong>ESAC Italia</strong></td>
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<tr>
<td>17:30</td>
<td>Networking event</td>
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<td></td>
<td>Meet your BACnet partners at the Exhibition</td>
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<td>18:30</td>
<td>Fin/End</td>
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**Participation Fees**
Participation in the BACnet Forum Barcelona and visit of the exhibition are free of charge. Registration is compulsory.

**Participación**
La participación en el Foro BACnet Barcelona y la visita de la exposición es gratuita. La inscripción es obligatoria.

**Registration**
Please register at [www.bacnetforum.org](http://www.bacnetforum.org). Registration will be confirmed by an E-mail containing your e-ticket.

**Registro**
Por favor, registrarse en [www.bacnetforum.org](http://www.bacnetforum.org). La inscripción será confirmada mediante un email que contiene su billete electrónico.
Lugar del evento/Venue

Universidad Politécnica de Cataluña (UPC), Barcelona Tech
C/o BACnet Forum
Edificio Vértex – Campus Nord
Plaza Eusebi Güell, 6 S1
08034 Barcelona
Spain

Partner

MCIA - Center Innovation Electronics, Motion Control and Industrial Applications – Universitat Politècnica de Catalunya

Partner Associations

ACCIÓ – Catalonia Trade & Invest
AEFYT – Asociación de Empresas de Frío y sus Tecnologías
AFEC – Asociación de Fabricantes de Equipos de Climatización
ASHRAE Spain Chapter
CEDOM – Asociación Española de Domótica e Imótica
CEEC – Clúster d'Eficiencia Energética de Catalunya
CNI – Confederación Nacional de Instaladores y Mantenedores

Media partner

BeEnergy
Caloryfrio
Climaeficiencia
El Electroeficiencia
El Instalador
Facility Management Systems
Frio-Calor Aire Acondicionado
Prefieres
Seguritecnia

Host

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